

100 GT Masters Near Coastal/Inland/Great Lakes Course

COURSE DESCRIPTION

This 11-day course provides training for persons wishing to acquire an original license as a master of vessels up to 100 GT in the Near Coastal/Inland/Great Lakes environment. The course consists of a mix of lectures; seminars and instructor supervised practical exercises. Students who successfully complete this course will have demonstrated a comprehensive knowledge of the applicable regulations and operational procedures necessary to safely and effectively operate a vessel of up to 100 Gross Tons.

COURSE APPROVAL

This 100 GT masters course is US Coast Guard approved. The person successfully completing this course will satisfy

- (1) The examination requirements of 46 CFR 10.205(i) for original issuance; or,
- (2) The requirements of 46 CFR 10. 209(c)(iii) for renewal of a license as Master or Mate of Steam or Motor Vessels of Not More Than 100 Gross tons (except oceans).

COURSE SCHEDULE

	Day 1	Day 2	Day 3	Day 4	Day 5
Morning	Distance Off and Bearing	Steering and Sailing Rules, Any Visibility	Electronic Navigation	Steering and Sailing Rules, Vessels in Sight	Interaction and Bank Effects
	Aids to Navigation	Charts and Pubs	Marlinespike Seamanship	Turning Circle, Pivot Point, etc	Small Engine Operations
		Fix and Running Fix		Maneuvering - Shallow Water	Principles of Ship Construction
	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	Magnetic Compass	Chart Navigation	Marlinespike Seamanship	Weather	Steering and Sailing Rules, Restricted Visibility
	Rules of the Road Intro and General Rules in Part A	Dead Reckoning	Purchases, Blocks and Tackle	Tides and Currents	Maneuvering in Rivers and Estuaries
		Chart Navigation	Navigation Instruments		Berthing and Unberthing

	Day 6	Day 7	Day 8	Day 9	Day 10	Day 11
Morning	Lights and Shapes	Collision	Wake Reduction	Pollution, Licensing, Manning	Communications	<i>Examinations</i>
	Trim and Stability	Temporary Repairs	Lifesaving Appliance Operations	Basic Principles of Watchkeeping	Heavy Weather, Lifeboats, Rescue of Survivors	
		Passenger and Crew Safety /Abandon Ship	Lifesaving Regulations	Aids to Navigation		
	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
Afternoon	Fire Prevention and Training	Survival at Sea	Differences between Inland and COLREGS	Anchoring, Mooring	Rescue, Man-Overboard, Emergency Towing	<i>Examinations</i>
	Fire or Explosion	Sound and Light Signals	Certification, Documentation, T-Boats and Uninspected Vessels	Ship's Business	Assistance Towing	Exam Review/Course Critique

COURSE REQUIREMENTS

The range and depth of knowledge and skills covered in this course dictate that all candidates meet the minimum sea service and recency requirements of 46 CFR 10.205 and 10.426 for 100 Gross Tons, Great Lakes/Inland/Near Coastal

A written examination is given on the last day of the course, which meets the requirements of the US Coast Guard and 46 CFR 10.205 (i) and 46 CFR 10.910.

MARITIME SIMULATION INSTITUTE

Rev 2010-01-15



Certificate No. 36478